MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

1st & final Bill

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

64015

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :- Improvement to roads at Widia School Compound Road & C Narayana layout in Bagalagunte in ward No. 14.						
	Name of Agency :- Technical manager, KRIDL						
	Estimate Cost :- 50.00 Lakhs						
	Job Code No :- 014-18-000031						
	A/S No :- EE/D2/AS/129/2017-18 dt 26-09-2017						
	T/S No :- CE/D2/TS/165/2017-18 dt 26-09-2017						
	Work order No :- EE/D2/WO/329/2017-18 dt 27-03-2018						
	Measurement Recorded on :- 30/4/18						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No:-1 KSRRB 300-1 Earthwork excavation by manual means in Hard Soil involving an average horizontal throw upto 2 meter and an average lift upto 0.5m, excavated surface levelled & sides dressed the disposed earth to be leveled neatly after breaking of clods Complete as per Specifications MORTH/ chapter 3 (P.No:142 I.No. 19.1 of KPWD S.R. 2016-17).						
	Pre-Measurement recorded on vide Page No. 64073 of this MB.					1572.46 1618.10 m³ @ TR 170.92 " ₹ 276565.65/- 268714.20	
	Item No:2 KSRRB 306-58 Compaction of original ground with maximum of 6 Passes of 8 to 10 tonne Pavey roller including filling in depression occuring during rolling including cost of all labour, Hire of machinery Complete as per Specification MORTH/ chapter 5.						

M. A. R. 57 (Rule 116) No. D

Measurement Book

64016

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(P.No. 149 .. I.No. 19.64 of KPWD S.R 2016-17) Pre-Measurement recorded on vide Page No. 64074 of this MB.					5393.65 m² @ TR 5.30 " ₹ 28586.35/-	
	Item No:3 KSRRB m400-17. Providing, laying, Spreading & Compacting graded Stones aggregate to wet mix macadam Specification including Pre-mixing the material with water at one in mechanical mix Plant Carriage of mixed materials by tipper to site laying in uniform layers with pave in Sub base/base Course on well prepared Surface & Compacting with Vibratory roller to achieve the dried density						

सहायक कार्यपालक अभियंता
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Complete as Per Specifications. MORTH Specification No. 406 (P.No. 158. T.No. 20.18 of KPWD S.R 2016-17)						
	Pre-measurement Recorded on vide Page No. 64075 of Hj MB.					1240.54 m³ 1768.08 " @TR	2193373.96/=
	Item No:4 KSRRB m500-6, Providing & applying Primer Coat with S.S. bitumen emulsion on Prepared Surface of granular base such as WBM, WMM including cleaning of road Surface & Spraying primer at the Rate of 0.6 kg/Sqm using mechanical means Complete as Per Specifications. MORTH Specification No. 502 (P.No. 161. I.No. 21.6 of KPWD S.R 2016-17).					5393.65 m²	
	Pre measurement recorded on vide Page No. 64076 of Hj MB.					27.56 " @TR	148648.99/=

S.A.O

M. A. R. 57 (Rule 116) No. D

Measurement Book

64017

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No:5 KSRRB 506-11. Providing laying bituminous macadam on Prepared Surface with crushed Coarse aggregate as per design mix formula for base/binding Course including loading of aggregate with F.E loader, hot mixing of Stone aggregate & bitumen in hot mix Plant, transporting the mixed material in tipper to Paver & laying mixed materials with Paver finisher to the require level & grade, rolling by power roller to achieve the desired density, but excluding Cost of primer/tack coat including lead lift & cost of all materials, labour Hire of machinery Complete as Per Specification using (40/60) TPH Capacity H.m.p. with mechanical Paver Gr-I (50mm to 100mm)						

S.A.O

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಕಾರಿ
ಹೊಸದುರ್ಗ ಉಪ-ವಿಭಾಗ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	with 3.3% VG-30 Bitumen (P.No.162. I.No. 21.11.5 of KPWD SR 2016-17)						
	Pre-measurement recorded vide Page No. 64077 of this MB.					87.17 m3 @TR 5605.28 m3	488624.67 / 488612/2 =
	Item No:6 KSRRB 500-7 Providing & applying tack coat using 80/100 grade 5gm bitumen (VG10) on the prepared black topped surface at 0.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, Hire of machinery Complete as per specification MORTH/chapter/5 (P.No. 161. I.No. 21.7 of KPWD S.R 2016-17)						
	Pre-measurement recorded in vide Page No. 64071 of this MB					5393.65 m2 @TR 11.66	62889.96/2

M. A. R. 57 (Rule 116) No. D

Measurement Book

64018

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No:7 KSRRBM 500-19 Providing & laying bituminous concrete using Crushed aggregate of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site laying with paver finisher to the required grade level & alignment, rolling with smooth wheeled, vibratory & tandem rollers to achieve the desired compaction as per MORTH Specification clause No. 509. Complete all respects complete as per Specification using 40/60 TPH capacity M.m.p with mechanical paver grading I (65-5mm) with 5.2% VG-30 Bitumen, Page No. 165 I.No. 21.22.5 of KPWD SR 2016-17)						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Main Road	1	30.00	(6.5+7.1)/2	0.03	6.12	m3
		1	30.00	(7.1+7.5)/2	0.03	6.71	"
		1	30.00	(7.8+6.9)/2	0.03	6.62	"
		1	30.00	(6.9+6.7)/2	0.03	6.12	"
		1	30.00	(6.7+7.9)/2	0.03	7.07	"
	Widia Main Road.	1	26.00	(9+10.5)/2	0.03	7.61	"
		1	30.00	(5.7+5.8)/2	0.03	5.18	"
		1	30.00	(5.8+5.9)/2	0.03	5.22	"
		1	30.00	(5.8+5.8)/2	0.03	5.22	"
		1	30.00	(5.8+5.6)/2	0.03	5.04	"
		1	30.00	(5.4+5.4)/2	0.03	4.86	"
		1	30.00	(5.4+5.4)/2	0.03	4.86	"
		1	30.00	(5.4+5.4)/2	0.03	4.86	"
		1	30.00	(5.4+6.2)/2	0.03	5.31	"
		1	30.00	(6.4+5.4)/2	0.03	5.31	"
		1	30.00	(5.1+6.2)/2	0.03	4.73	"
		1	24.00	(5.1+6.2)/2	0.03	4.07	"

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-560057

M.A.R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

64019

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	widia School Road	1	30.00	(6.3+6.9)/2	0.03	5.94	m3
		1	28.00	(6.9+5.5)/2	0.03	5.21	"
		1	30.00	(6.3+6.9)/2	0.03	5.94	"
		1	30.00	(6.9+5.5)/2	0.03	5.58	"
		1	30.00	(5.5+5)/2	0.03	4.73	"
		1	30.00	(5+4.8)/2	0.03	4.41	"
		1	39.00	(4.8+5.8)/2	0.03	6.20	"
	widia School Compound	1	44.00	(4.3+4.6)/2	0.03	5.87	"
		1	47.00	(6.0+5.1)/2	0.03	7.83	"
		1	47.00	(5.8+4.9)/2	0.03	7.54	"
		1	50.00	(5.4+5.2)/2	0.03	7.95	"
					Total	162.08	m3

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-560057

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಾರ್ಯಾಲಯ
ಬೃ.ಬಾಮಹಪಾ ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ಬಾಂಗಳೂರು-560057

Limit 145.20 m3 Limit @TR 785.88 m3 = 1140813.17/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No: 8 Conveying Excavated Earth to ahead of lokop including loading & unloading charges by Private Vehicle.						
	Qty vide item No. 1					1618.10 m³	161810 =00
	449365 =00					@ 1R 100.00 "	161809.50/-
	44930 2 =00						
	498953 =00					Total	450165 23
						Add 11% ICRISA charge	495179.34
						GRAND Total =	4996789.57

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

Audited and admitted for Rs. 498074 =00 498953 =00
Passed by Cheque for Rs. 450653 =00 4544959 =00
64020

M. A. R. 57 (Rule 116) No. D
Measurement Book
(..... 44994 =00 .....)

Serial No. .....
Name of work ..... From ..... To 44301 =00
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Accounts Superintendent
R.R.T. Engineering Division
Exe. Engineer

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certified that the work done satisfactorily						
	Certified that the debris removed from the work spot.						

30/4/2018

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

30/4/18

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ, ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C.C. Work laying		19.0m				
			15.9		Medical School		
			32.4m				
					19.6m		
					3.8m		
					4.8m		

Shedargi

30/4/2018

सहायक कार्यपालक अभियंता
ओ.दासरहळ्ळि उप-विभाग
बेंगलूरु

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. .....

64021

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8